

9 18 27 36 45 54
 5' NNC TCC CGC AGC CGC AGC CGC CGT GCT CAG CGC GAG CCC CGG AGC CCT TGA GCG

 63 72 81 90 99 108
 CGA GGC GCG GAG CCC CGG AGC CCC CAA ACC GCA GAC ACA TCC CCG CGC CCC AGA

 117 126 135 144 153 162
 GCC CCG GCC TGC GCG CCC AGC CGG GCC CGC GCG ATG CCC TCA GAC CGG CCT TTC
 M P S D R P F

 171 180 189 198 207 216
 AAG CAG CGG CGG AGC TTC GCC GAC CGC TGT AAG GAG GTA CAG CAG ATC CGC GAC
 K Q R R S F A D R C K E V Q Q I R D

 225 234 243 252 261 270
 CAG CAC CCC AGC AAA ATC CCG GTG ATC ATC GAG CGC TAC AAG GGT GAG AAG CAG
 Q H P S K I P V I I E R Y K G E K Q

 279 288 297 306 315 324
 CTG CCC GTC CTG GAC AAG ACC AAG TTT TTG GTC CCG GAC CAT GTC AAC ATG AGC
 L P V L D K T K F L V P D H V N M S

 333 342 351 360 369 378
 GAG TTG GTC AAG ATC ATC CGG CGC CGC CTG CAG CTG AAC CCC ACG CAG GCC TTC
 E L V K I I R R R L Q L N P T Q A F

 387 396 405 414 423 432
 TTC CTG CTG GTG AAC CAG CAC AGC ATG GTG AGT GTG TCC ACG CCC ATC GCG GAC
 F L L V N Q H S M V S V S T P I A D

 441 450 459 468 477 486
 ATC TAC GAG CAG GAG AAA GAC GAG GAC GGC TTC CTC TAT ATG GTC TAC GCC TCC
 I Y E Q E K D E D G F L Y M V Y A S

 495 504 513 522 531 540
 CAG GAA ACC TTC GGC TTC TGA GCC AGC AGT AGG GGG GCT CGG CCT GGG AGT CGG
 Q E T F G F

 549 558 567 576 585 594
 GGG GCC CCG GTC AGG CCC TGC CCA GAG AGC TTC TGG TTC CTG AAC TGA GCT GCC

 603 612 621 630 639
 TCT ACC GTG GTG GGC TGG GCA GGC ATG TGC CCC CCT AGT CAG AGG GCA 3'

FIGURE 1

| | | |
|-----|---|-----------|
| 1 | M P S D R P F K Q R R S F A D R C K E V Q Q I R D Q H P S K I P V I I E R Y K G | 1441378 |
| 1 | M P S E K T E K O R R S F E Q R V E D Y R L I R E Q H F T K I P V I I E R Y K G | GI 455109 |
| 41 | E K Q L P V I L D K T K F L V P D H V N M S E L Y K I I R R R L Q L N P T Q A F F | 1441378 |
| 41 | E K Q L P V I L D K T K F L V P D H V N M S E L I K I I R R R L Q L N A N Q A F F | GI 455109 |
| 81 | L L V N Q H S M V S V S T P I A D I Y E Q E K D E D G F L Y M V Y A S Q E T F G | 1441378 |
| 81 | L L V N G H S M V S V S T P I S E V Y E S E R D E D G F L Y M V Y A S Q E T F G | GI 455109 |
| 121 | - - - - - | 1441378 |
| 121 | T A L A V T Y M S A L K A T A T G R E P C L | GI 455109 |

FIGURE 2

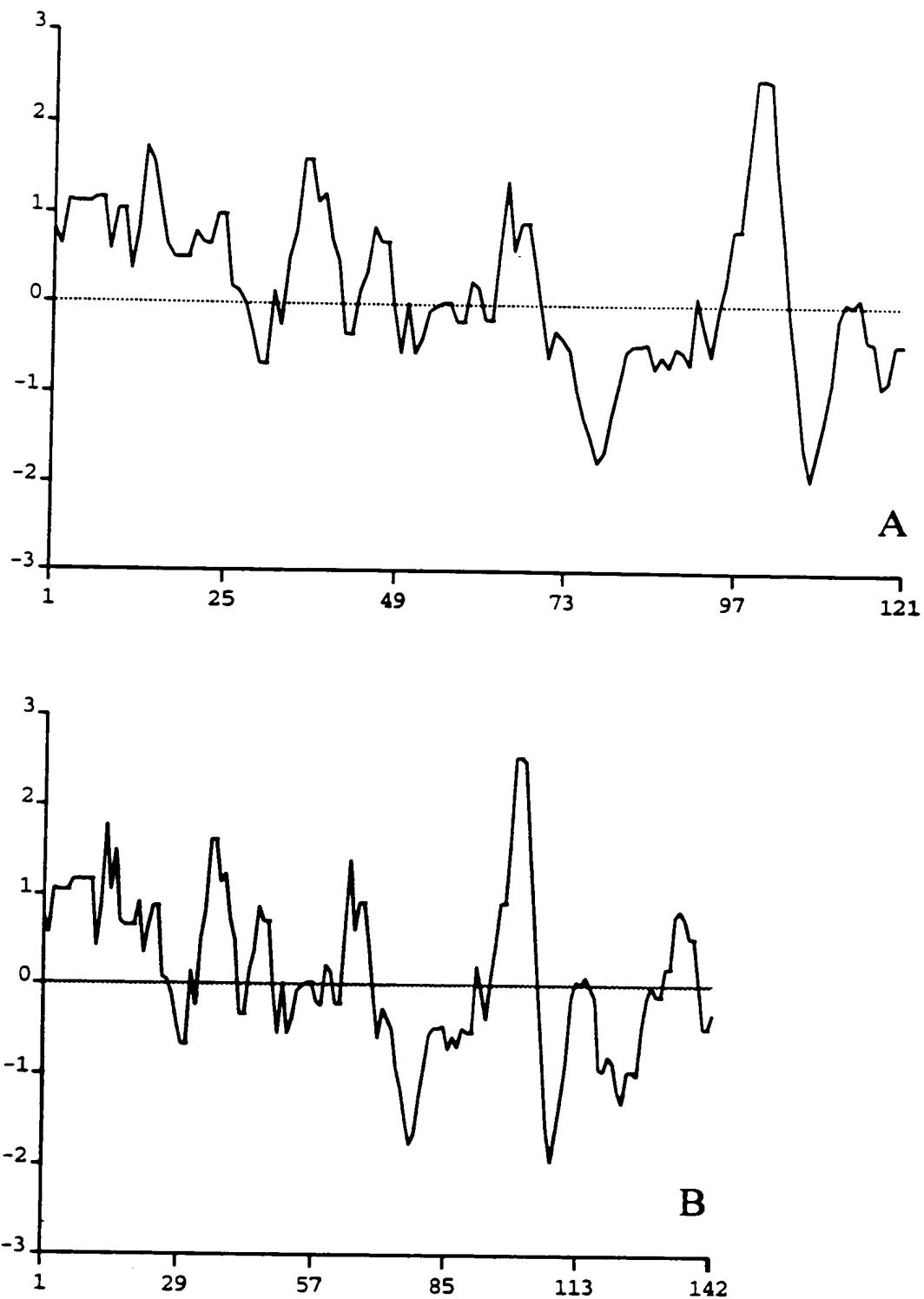


FIGURE 3